

### Amendment to the Claims

Kindly amend claims 1, 3, 4, 9, 11, 13, 15, 16, 21, 23, 25-27, 29, 30, 35 and 37, as set forth below. In compliance with the Revised Amendment Format published in the Official Gazette on February 25, 2003, a complete listing of claims is provided herein. The changes in the amended claims are shown by strikethrough (for deleted matter) and underlining (for added matter).

1. (Currently Amended) A method of facilitating debugging of transactions, said method comprising:

executing a transaction on one processor of a plurality of processors, said transaction having debug information ~~associated therewith~~ attached to the transaction; and

requesting, by said transaction, a service on another processor of said plurality of processors, ~~wherein at least a portion of said debug information follows the transaction to the another processor for use in debugging the transaction on the another processor~~ wherein said attached debug information is passed with the transaction from the one processor to the another processor eliminating a need for attaching the debug information at the another processor, and wherein a path of the transaction is not predefined to a controller of the debugging.

2. (Original) The method of claim 1, further comprising attaching said debug information to said transaction being executed on said one processor.

3. (Currently Amended) The method of claim 1, further comprising providing, by the controller to the one processor, at least a part of the debug information, and wherein ~~the at least a portion of~~ said debug information is provided to the another processor independent of said controller.

4. (Currently Amended) The method of claim 1, wherein ~~said at least a portion of~~ the debug information follows the transaction to the another processor by including ~~the at least a portion of~~ the debug information in a communications session established with said another processor.

5. (Original) The method of claim 1, wherein said debug information comprises information relating to said transaction.

6. (Original) The method of claim 1, wherein said debug information comprises an identifier of the controller of the debugging.

7. (Original) The method of claim 1, wherein said controller comprises a client workstation coupled to said one processor and said another processor.

8. (Original) The method of claim 1, wherein said service comprises executing an application on said another processor.

9. (Currently Amended) A method of facilitating debugging of transactions, said method comprising:

using a client workstation to enter debug information on a processor where a transaction is to be started, the debug information being associated with tracing the transaction;

attaching at least a portion of the debug information to the transaction being executed on the processor;

requesting, by the transaction, a service on another processor; and

passing ~~at least some of the at least a portion of~~ with the transaction the attached debug information from the processor to the another processor eliminating a need for

attaching the debug information at the another processor, wherein tracing of the transaction can continue on the another processor.

10. (Original) The method of claim 9, wherein the tracing can continue without performing a debug registration process between the client workstation and the another processor.

11. (Currently Amended) The method of claim 9, wherein the tracing can continue without having the client workstation provide ~~the at least some of the~~ at least a portion of the debug information to the another processor.

12. (Original) The method of claim 9, wherein the tracing may continue without predefining to the client workstation the path taken by the transaction.

13. (Currently Amended) A system of facilitating debugging of transactions, said system comprising:

means for executing a transaction on one processor of a plurality of processors, said transaction having debug information ~~associated therewith~~ attached to the transaction; and

means for requesting, by said transaction, a service on another processor of said plurality of processors, ~~wherein at least a portion of said debug information follows the transaction to the another processor for use in debugging the transaction on the another processor~~ wherein said attached debug information is passed with the transaction from the one processor to the another processor eliminating a need for attaching the debug information at the another processor, and wherein a path of the transaction is not predefined to a controller of the debugging.

14. (Original) The system of claim 13, further comprising means for attaching said debug information to said transaction being executed on said one processor.

15. (Currently Amended) The system of claim 13, further comprising means for providing, by the controller to the one processor, at least a part of the debug information, and wherein ~~the at least a portion of~~ said debug information is provided to the another processor independent of said controller.

16. (Currently Amended) The system of claim 13, wherein ~~said at least a portion of~~ the debug information follows the transaction to the another processor by including ~~the at least a portion of~~ the debug information in a communications session established with said another processor.

17. (Original) The system of claim 13, wherein said debug information comprises information relating to said transaction.

18. (Original) The system of claim 13, wherein said debug information comprises an identifier of the controller of the debugging.

19. (Original) The system of claim 13, wherein said controller comprises a client workstation coupled to said one processor and said another processor.

20. (Original) The system of claim 13, wherein said service comprises executing an application on said another processor.

21. (Currently Amended) A system of facilitating debugging of transactions, said system comprising:

a client workstation to enter debug information on a processor where a transaction is to be started, the debug information being associated with tracing the transaction;

means for attaching at least a portion of the debug information to the transaction being executed on the processor;

means for requesting, by the transaction, a service on another processor; and

means for passing ~~at least some of the at least a portion of~~ with the transaction the attached debug information from the processor to the another processor eliminating a need for attaching the debug information at the another processor, wherein tracing of the transaction can continue on the another processor.

22. (Original) The system of claim 21, wherein the tracing can continue without performing a debug registration process between the client workstation and the another processor.

23. (Currently Amended) The system of claim 21, wherein the tracing can continue without having the client workstation provide ~~the at least some of the at least a portion of the~~ debug information to the another processor.

24. (Original) The system of claim 21, wherein the tracing may continue without predefining to the client workstation the path taken by the transaction.

25. (Currently Amended) A system of facilitating debugging of transactions, said system comprising:

a processor of a plurality of processors to execute a transaction, said transaction having debug information ~~associated therewith~~ attached to the transaction; and

another processor of said plurality of processors to have a service requested by said transaction, ~~wherein at least a portion of said debug information follows the transaction to the another processor for use in debugging the transaction on the another processor~~ wherein said attached debug information is passed with the transaction from the one processor to the another processor eliminating a need for attaching the debug

information at the another processor, and wherein a path of the transaction is not predefined to a controller of the debugging.

26. (Currently Amended) A system of facilitating debugging of transactions, said system comprising:

a client workstation to enter debug information on a processor where a transaction is to be started, the debug information being associated with tracing the transaction;

the processor adapted to attach at least a portion of the debug information to the transaction being executed on the processor;

another processor having a service requested by the transaction; and

a communications protocol to facilitate passing ~~at least some of the at least a portion of~~ with the transaction the attached debug information from the processor to the another processor eliminating a need for attaching the debug information at the another processor, wherein tracing of the transaction can continue on the another processor.

27. (Currently Amended) At least one program storage device readable by a machine tangibly embodying at least one program of instructions executable by the machine to perform a method of facilitating debugging of transactions, said method comprising:

executing a transaction on one processor of a plurality of processors, said transaction having debug information ~~associated therewith~~ attached to the transaction;

and

requesting, by said transaction, a service on another processor of said plurality of processors, ~~wherein at least a portion of said debug information follows the transaction to the another processor for use in debugging the transaction on the another processor~~ wherein said attached debug information is passed with the transaction from the one

processor to the another processor eliminating a need for attaching the debug information at the another processor, and wherein a path of the transaction is not predefined to a controller of the debugging.

28. (Original) The at least one program storage device of claim 27, wherein said method further comprises attaching said debug information to said transaction being executed on said one processor.

29. (Currently Amended) The at least one program storage device of claim 27, wherein said method further comprises providing, by the controller to the one processor, at least a part of the debug information, and wherein ~~the at least a portion of~~ said debug information is provided to the another processor independent of said controller.

30. (Currently Amended) The at least one program storage device of claim 27, wherein ~~said at least a portion of~~ the debug information follows the transaction to the another processor by including ~~the at least a portion of~~ the debug information in a communications session established with said another processor.

31. (Original) The at least one program storage device of claim 27, wherein said debug information comprises information relating to said transaction.

32. (Original) The at least one program storage device of claim 27, wherein said debug information comprises an identifier of the controller of the debugging.

33. (Original) The at least one program storage device of claim 27, wherein said controller comprises a client workstation coupled to said one processor and said another processor.

34. (Original) The at least one program storage device of claim 27, wherein said service comprises executing an application on said another processor.

35. (Currently Amended) At least one program storage device readable by a machine tangibly embodying at least one program of instructions executable by the machine to perform a method of facilitating debugging of transactions, said method comprising:

using a client workstation to enter debug information on a processor where a transaction is to be started, the debug information being associated with tracing the transaction;

attaching at least a portion of the debug information to the transaction being executed on the processor;

requesting, by the transaction, a service on another processor; and

passing ~~at least some of the at least a portion of~~ with the transaction the attached debug information from the processor to the another processor eliminating a need for attaching the information at the another processor, wherein tracing of the transaction can continue on the another processor.

36. (Original) The at least one program storage device of claim 35, wherein the tracing can continue without performing a debug registration process between the client workstation and the another processor.

37. (Currently Amended) The at least one program storage device of claim 35, wherein the tracing can continue without having the client workstation provide ~~the at least some of the at least a portion of the debug information~~ to the another processor.

38. (Original) The at least one program storage device of claim 35, wherein the tracing may continue without predefining to the client workstation the path taken by the transaction.